CLAIMS

1. A resistance metering device having probes on a bar clamp with two leads providing direct current and two leads serving to measure a voltage with a voltmeter from which a resistance is deducted and comprising:

a plurality of probes each having a body comprised of four faces on their long side;

an attachment groove situated on one of the four faces for attachment to a clamp jaw;

a lead passageway for passing a lead therethrough;

at least one mechanical fastener passing through said face so as to fixedly attach a metal contact situated on an opposite face as well as fixedly attaching said lead;

a bar clamp having jaws and over which jaws are slid said attachment grooves from said probes.

2. A resistance metering device as in claim 1 wherein :

said probes having metal contacts that are crescent shaped

3. A resistance metering device as in claim 1 wherein :

said probes having metal contacts that are bar shaped.

4. A method for measuring the resistance of components wherein an appropriate location with an appropriately shaped metal contact is chosen and following steps are executed consisiting of;

a first procedure:

a bar clamp is released by depressing its lock;

a bar part of a bar clamp is slid so that a secondary jaw closes in on a primary jaw and then a lock is released and a trigger is actuated until enough pressure is applied to securely install a probe;

said first procedure repeated for each additional said probe;

power supply connected probes are connected and at least one measuring probe is installed following said first procedure;

a second measuring probe is installed following said first procedure;

a measurement of voltage is made and a resistance is deduced.

5. A method for measuring the resistance of components as in claim 4 wherein:

only one measuring probe is installed with a second measuring probe free to measure along a component.